

English

Hmong

Main Idea 4 PS 1.a
Electric current is a flow of electrical charges. Electric current will only flow through a complete circuit.

Niam Tswvyim 4 PS 1.a
Sab hluavtaws xob yog ib txoj sab kuab hluavtaws khiav. Sab hluavtaws xob tsuas khiav tau rau ib lwm sab puag ncig xwb.



A flow of electrical charges is known as **electric current**. Current only flows through closed circuits. (pp. 298–299)

Ib txoj sab kuab hluavtaws paub los ntawm ib **nthwv hluavtaws xob**. Nthwv hluavtaws tsuas khiav raws sab puag ncig xwb. (pp. 298–299)



Series circuits have one path for electric current. Parallel circuits have many paths. (pp. 300–303)

Cov hlab hluavtaws seem muaj tib txoj sab rau nthwv huavtaws xob. Cov ntsug muaj ntau txoj sab. (pp. 300–303)



The amount of current that flows through a circuit depends on **voltage** and **resistance**. (p. 304)

Cov nthwv hluavtaws xob uas khiav raws ib txoj hlab los ntawm lub **zog voltage** thiab lub **cheem resistance**. (p. 304)